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1900 K STREET, N.W.  
WASHINGTON, D.C. 20006-1109

TEL 202 • 955 • 1500  
FAX 202 • 778 • 2201

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January 18, 2002

YISUN SONG  
DIRECT DIAL: 202 • 955 • 1966  
EMAIL: [ysong@hunton.com](mailto:ysong@hunton.com)

FILE NO: 56162.000352

BOX PATENT APPLICATION

Commissioner for Patents  
Washington, D.C. 20231

Re: Filing of New U.S. Utility Patent Application

Title: **“Method And System For Estimating A Base-2 Logarithm Of A Number”**

Inventors: **Michael J. Graziano and Eric Tsin-Ho Leung**

Dear Sir:

Attached is a new patent application for filing in the United States Patent and Trademark Office including sixty (60) pages of Specification, four (4) pages of Claims (numbered 1-29), one (1) page Abstract, thirty-four (34) sheets of Drawings (labeled Figs. 1a-32), an executed Declaration and Power of Attorney, and an Assignment for recordation.

This application claims priority from provisional application Serial No. 60/308,587, filed July 31, 2001, entitled Method and System For Duplex Symmetric Transmission.

The filing fee is calculated as follows:

				AMOUNT		
		BASIC FILING FEE		\$740.00		
		No. of Claims	No. in Excess	Rate		
<i>Number of Claims in Excess of: 20</i>	29	9	\$18.00	<b>162.00</b>		
<i>Independent Claims in Excess of: 3</i>	7	4	\$84.00	<b>336.00</b>		
<i>First Presentation of Multiple Dependent Claims</i>		\$ 270.00		<b>.00</b>		
<i>Reduce by 1/2 for Small Entity</i>				<b>.00</b>		
<i>Assignment Recordation Fee</i>				<b>40.00</b>		
<b>TOTAL FEE DUE</b>				<b>1278.00</b>		



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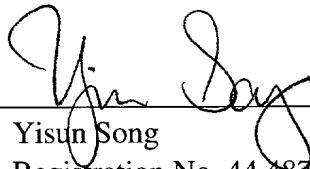
A check in the amount of **\$1278.00** is attached to cover the basic application filing fee, additional claims fee and recordation of assignment fee. In the event of any variance between the amount enclosed and the Patent and Trademark Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 50-0206.

Please direct all communication concerning this application to:

Kevin T. Duncan, Esq.  
Hunton & Williams  
Intellectual Property Department  
1900 K Street, N.W.  
Suite 1200  
Washington, DC 20006

Respectfully submitted,

HUNTON & WILLIAMS

By: A handwritten signature in black ink, appearing to read "Yisun Song".

Yisun Song  
Registration No. 44,487

For Kevin T. Duncan  
Registration No. 41,495

1900 K Street, NW, Suite 1200  
Washington, D.C. 20006-1109  
Telephone: (202) 955-1937  
Facsimile: (202) 778-2201

Dated: January 18, 2002